

Amendments to the Specification:

Please replace the paragraph beginning at pg. 24, lines 16-18 with the following rewritten paragraph:

-- Figures 1A-1E are drawings showing the nucleotide sequence of SYNAP-a coding (SEQ ID NO. 1) and non-coding (SEQ ID NO. 22) strands. The predicted amino acid sequence is also shown (SEQ ID. NO. 3).--

Please replace the paragraph beginning at pg. 24, lines 20-22 with the following rewritten paragraph:

--Figures 2A-2E are drawings showing the nucleotide sequence of SYNGAP-b coding (SEQ ID NO. 4) and non-coding (SEQ ID NO. 23) strands. The predicted amino acid sequence is also shown (SEQ ID. NO. 6).--

Please replace the paragraph beginning at pg. 24, lines 24-27 with the following rewritten paragraph:

--Figures 3A-3E are drawings illustrating the nucleotide sequence of SYNGAP-c coding (SEQ ID NO. 7) and non-coding (SEQ ID NO. 24) strands. Also shown is the amino acid sequence (SEQ ID NO. 9) and an untranslated amino acid sequence (SEQ ID NO. 8A) following the C-terminus of the predicted SYNGAP-c protein.--

At the last page of the Specification, please remove the Sequence Listing and insert therefore the Sequence Listing attached to this submission and renumber the claims and abstract as appropriate.